

SEQUENCE LISTING

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KE, NING
GODZIK, ADAM

<120> APOPTOSIS MODULATOR BCL-B AND METHODS FOR MAKING AND
USING SAME

<130> 087102-0272558

<140>

<141>

<150> 60/267,166

<151> 2001-02-07

<160> 36

<170> PatentIn Ver. 2.1

<210> 1

<211> 887

<212> DNA

<213> Homo sapiens

<400> 1

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<210> 2

<211> 204

<212> PRT

<213> Homo sapiens

<400> 2

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Glu Arg Thr Glu Leu Leu Leu Ala Asp Tyr Leu Gly Tyr Cys Ala Arg
      20              25              30

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Glu Pro Gly Thr Pro Glu Pro Ala Pro Ser Thr Pro Glu Ala Ala Val
 35 40 45
 Leu Arg Ser Ala Ala Ala Arg Leu Arg Gln Ile His Arg Ser Phe Phe
 50 55 60
 Ser Ala Tyr Leu Gly Tyr Pro Gly Asn Arg Phe Glu Leu Val Ala Leu
 65 70 75 80
 Met Ala Asp Ser Val Leu Ser Asp Ser Pro Gly Pro Thr Trp Gly Arg
 85 90 95
 Val Val Thr Leu Val Thr Phe Ala Gly Thr Leu Leu Glu Arg Gly Pro
 100 105 110
 Leu Val Thr Ala Arg Trp Lys Lys Trp Gly Phe Gln Pro Arg Leu Lys
 115 120 125
 Glu Gln Glu Gly Asp Val Ala Arg Asp Cys Gln Arg Leu Val Ala Leu
 130 135 140
 Leu Ser Ser Arg Leu Met Gly Gln His Arg Ala Trp Leu Gln Ala Gln
 145 150 155 160
 Gly Gly Trp Asp Gly Phe Cys His Phe Phe Arg Thr Pro Phe Pro Leu
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 Ala Phe Trp Arg Lys Gln Leu Val Gln Ala Phe Leu Ser Cys Leu Leu
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 Thr Thr Ala Phe Ile Tyr Leu Trp Thr Arg Leu Leu
 195 200

<210> 3
 <211> 21
 <212> PRT
 <213> Homo sapiens

<400> 3
 Val Leu Ser Asp Ser Pro Gly Pro Thr Trp Gly Arg Val Val Thr Leu
 1 5 10 15
 Val Thr Phe Ala Gly
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<210> 4
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 4
 Ala Trp Leu Gln Ala Gln Gly Gly Trp Asp Gly Phe Cys His Phe
 1 5 10 15

<210> 5
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 5
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 1 5 10 15

<210> 6
 <211> 21
 <212> PRT
 <213> Homo sapiens

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Glu Pro Gly Thr Pro
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<210> 7
 <211> 23
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<400> 7
 cgggccaaga aaaccagcga agg 23

<210> 8
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<220>
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<400> 8
 cactcaagga agagccattt gcat 24

<210> 9
 <211> 28
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<400> 9
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<210> 10
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 <213> Artificial Sequence

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<210> 11
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<210> 12
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<220>
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<400> 12
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<210> 13
 <211> 24
 <212> PRT
 <213> Homo sapiens

<400> 13
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 Ala Arg Glu Pro Gly Thr Pro Glu
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<210> 14
 <211> 24
 <212> PRT
 <213> Murine sp.

<400> 14
 Leu His Glu Arg Thr Arg Arg Leu Leu Ser Asp Tyr Ile Phe Phe Cys
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Ala Arg Glu Pro Asp Thr Pro Glu
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<210> 15
<211> 22
<212> PRT
<213> Gallus sp.

<400> 15
Leu Lys Glu Glu Thr Ala Leu Leu Leu Glu Asp Tyr Phe Gln His Arg
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Ala Gly Gly Ala Ala Leu
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<210> 16
<211> 24
<212> PRT
<213> Homo sapiens

<400> 16
Thr Gly Tyr Asp Asn Arg Glu Ile Val Met Lys Tyr Ile His Tyr Lys
1 5 10 15

Leu Ser Gln Arg Gly Tyr Glu Trp
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<210> 17
<211> 24
<212> PRT
<213> Homo sapiens

<400> 17
Met Ser Gln Ser Asn Arg Glu Leu Val Val Asp Phe Leu Ser Tyr Lys
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Leu Ser Gln Lys Gly Tyr Ser Trp
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<210> 18
<211> 24
<212> PRT
<213> Caenorhabditis elegans

<400> 18
Pro Arg Leu Asp Ile Glu Gly Phe Val Val Asp Tyr Phe Thr His Arg
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Ile Arg Gln Asn Gly Met Glu Trp
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<210> 19
 <211> 30
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 <213> Homo sapiens

<400> 19
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 Val Val Thr Leu Val Thr Phe Ala Gly Thr Leu Leu Glu Arg
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<210> 20
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 <212> PRT
 <213> Murine sp.

<400> 20
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 Leu Val Met Leu Leu Ala Phe Ala Gly Thr Leu Met Asn Gln
 20 25 30

<210> 21
 <211> 30
 <212> PRT
 <213> Gallus sp.

<400> 21
 Lys Val Ala Ala Gln Leu Glu Thr Asp Gly Gly Leu Asn Trp Gly Arg
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 Leu Leu Ala Leu Val Val Phe Ala Gly Thr Leu Ala Ala Ala
 20 25 30

<210> 22
 <211> 29
 <212> PRT
 <213> Homo sapiens

<400> 22
 Thr Val Val Glu Glu Leu Phe Arg Asp Gly Val Asn Trp Gly Arg Ile
 1 5 10 15
 Val Ala Phe Phe Glu Phe Gly Gly Val Met Cys Val Glu
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<210> 23
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 <212> PRT
 <213> Homo sapiens

<400> 23

Gln Val Val Asn Glu Leu Phe Arg Asp Gly Val Asn Trp Gly Arg Ile
 1 5 10 15

Val Ala Phe Phe Ser Phe Gly Gly Ala Leu Cys Val Glu
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<210> 24

<211> 30

<212> PRT

<213> *Caenorhabditis elegans*

<400> 24

Thr Val Gly Asn Ala Gln Thr Asp Gln Cys Pro Met Ser Tyr Gly Arg
 1 5 10 15

Leu Ile Gly Leu Ile Ser Phe Gly Gly Phe Val Ala Ala Lys
 20 25 30

<210> 25

<211> 22

<212> PRT

<213> *Homo sapiens*

<400> 25

Glu Ala Ala Val Leu Arg Ser Ala Ala Ala Arg Leu Arg Gln Ile His
 1 5 10 15

Arg Ser Phe Phe Ser Ala
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<210> 26

<211> 25

<212> PRT

<213> *Murine sp.*

<400> 26

Thr Ser Val Glu Ala Ala Leu Leu Arg Ser Val Thr Arg Gln Ile Gln
 1 5 10 15

Gln Glu His Gln Glu Phe Phe Ser Ser
 20 25

<210> 27

<211> 25

<212> PRT

<213> *Gallus sp.*

<400> 27

Pro Ser Ala Thr Ala Ala Glu Leu Arg Arg Ala Ala Ala Glu Leu Glu
 1 5 10 15

Arg Arg Glu Arg Pro Phe Phe Arg Ser
 20 25

<210> 28
 <211> 25
 <212> PRT
 <213> Homo sapiens

<400> 28
 Pro Pro Val Val His Leu Thr Leu Arg Gln Ala Gly Asp Asp Phe Ser
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Arg Arg Tyr Arg Arg Asp Phe Ala Glu
 20 25

<210> 29
 <211> 25
 <212> PRT
 <213> Homo sapiens

<400> 29
 Met Ala Ala Val Lys Gln Ala Leu Arg Glu Ala Gly Asp Glu Phe Glu
 1 5 10 15

Leu Arg Tyr Arg Arg Ala Phe Ser Asp
 20 25

<210> 30
 <211> 25
 <212> PRT
 <213> Caenorhabditis elegans

<400> 30
 Val Gln Pro Glu His Glu Met Met Arg Val Met Gly Thr Ile Phe Glu
 1 5 10 15

Lys Lys His Ala Glu Asn Phe Glu Thr
 20 25

<210> 31
 <211> 18
 <212> PRT
 <213> Homo sapiens

<400> 31
 Arg Ala Trp Leu Gln Ala Gln Gly Gly Trp Asp Gly Phe Cys His Phe
 1 5 10 15

Phe Arg

<210> 32
 <211> 18
 <212> PRT
 <213> Murine sp.

<400> 32

Arg Ala Arg Leu Glu Ala Leu Gly Gly Trp Asp Gly Phe Cys Arg Phe
 1 5 10 15

Phe Lys

<210> 33

<211> 18

<212> PRT

<213> Gallus sp.

<400> 33

Gly Glu Trp Met Glu Glu His Gly Gly Trp Asp Gly Phe Cys Arg Phe
 1 5 10 15

Phe Gly

<210> 34

<211> 18

<212> PRT

<213> Homo sapiens

<400> 34

His Thr Trp Ile Gln Asp Asn Gly Gly Trp Asp Ala Phe Val Glu Leu
 1 5 10 15

Tyr Gly

<210> 35

<211> 18

<212> PRT

<213> Homo sapiens

<400> 35

Glu Pro Trp Ile Gln Glu Asn Gly Gly Trp Asp Thr Phe Val Glu Leu
 1 5 10 15

Tyr Gly

<210> 36

<211> 18

<212> PRT

<213> Caenorhabditis elegans

<400> 36

Asn Asn Trp Lys Glu His Asn Arg Ser Trp Asp Asp Phe Met Thr Leu
 1 5 10 15

Gly Lys

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